

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | | | |
|--|---|----|---|--------------------------|------------------------------|
| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | Not Yet Assigned- 10/628,395 |
| | | | | Filing Date | Concurrently Herewith |
| | | | | First Named Inventor | Jian Ni |
| | | | | Art Unit | N/A 1644 |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 6 | Attorney Docket Number | PF290P1D2 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| mh | A | US-4,923,807 | 08-05-1990 | Webb et al. | |
| mh | B | US-5,470,970 | 11-28-1995 | Sager et al. | |
| mh | C | US-5,804,376 | 09-08-1998 | Braxton et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| MH | D | WO-96/34957 | 11-07-1996 | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| | | | |
|-----------------------|--------------|--------------------|----------|
| Examiner Signature | Maher Haddad | Date Considered | 10/22/04 |
|-----------------------|--------------|--------------------|----------|

| | | | | | |
|---|---|----|---|--------------------------|-----------------------------|
| Substitute for form 1449/PTO | | | | Complete If Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Application Number | Not Yet Assigned 10/628,395 |
| | | | | Filing Date | Concurrently Herewith |
| | | | | First Named Inventor | Jian Ni |
| | | | | Art Unit | N/A 1644 |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 2 | of | 6 | Attorney Docket Number | PF290P1D2 |

| NON PATENT LITERATURE DOCUMENTS | | | | |
|---------------------------------|-----------------------|---|----------------|--|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | |
| mH | E | Barton, G.J., "Protein sequence alignment and database scanning," in: Protein Structure Prediction, A Practical Approach, Sternberg, M.J.E., ed., IRL Press at Oxford University Press, Oxford, UK, pp. 31-63 (August 1996). | | |
| mH | F | Carrell, R.W. et al., "The Serpins: Evolution and Adaptation in a Family of Protease Inhibitors," <i>Cold Spring Harbor Symp. Quant. Biol.</i> 52:527-535, Cold Spring Harbor Laboratory (1987). | | |
| mH | G | Cronshagen, U. et al., "A novel protein expressed exclusively in pancreatic cells is proposed to be a serpin," Abstract No. 247, <i>Eur. J. Cell Bio.</i> 94:83, Nature Publishing Group (1993). | | |
| mH | H | Cunningham, B.C. and Wells, J.A., "High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis," <i>Science</i> 244:1081-1085, American Association for the Advancement of Science (1989). | | |
| mH | I | Fazioli, F. and Blasi, F., "Urokinase-type plasminogen activator and its receptor: new targets for anti-metastatic therapy?," <i>TIPS</i> 15:25-29, Elsevier Science (1994). | | |
| mH | J | George, D.G. et al., "Current Methods in Sequence Comparison and Analysis," in: Macromolecular Sequencing and Synthesis, Selected Methods and Applications, D.H. Schlessinger, ed., Alan R. Liss, Inc. New York, NY, pp. 127-149 (1988). | | |
| mH | K | Ginsburg, D. et al., "cDNA Cloning of Human Plasminogen Activator-Inhibitor from Endothelial Cells," <i>J. Clin. Invest.</i> 78:1673-1680, American Society for Clinical Investigation (1986). | | |
| mH | L | Krishnamurti, C. et al., "Stimulation Of Plasminogen Activator Inhibitor Activity In Human Monocytes Infected With Dengue Virus," <i>Am. J. Trop. Med. Hyg.</i> 40:102-107, American Society of Tropical Medicine and Hygiene (1989). | | |
| mH | M | Kruithof, E.K.O. et al., "Biological and Clinical Aspects of Plasminogen Activator Inhibitor Type 2," <i>Blood</i> 86:4007-4024, Journal of the American Society of Hematology (December 1995). | | |
| mH | N | Leiper, K. et al., "Tissue plasminogen activator, plasminogen activator inhibitors, and activator-inhibitor complex in liver disease," <i>J. Clin. Pathol.</i> 47:214-217, BMJ Publishing Group (1994). | | |

| | | | |
|--------------------|--------------|-----------------|----------|
| Examiner Signature | Maher Haddad | Date Considered | 10/22/04 |
|--------------------|--------------|-----------------|----------|

| | | | | | |
|---|---|----|---|--------------------------|-----------------------------|
| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | Not Yet Assigned 16/628,350 |
| | | | | Filing Date | Concurrently Herewith |
| | | | | First Named Inventor | Jian Ni |
| | | | | Art Unit | N/A- 1644 |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 3 | of | 6 | Attorney Docket Number | PF290P1D2 |

| | | | |
|----|----|---|--|
| mh | O | Ngo, J.T. et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," in: The Protein Folding Problem and Tertiary Structure Prediction, Mertz, Jr., K. and Le Grand, S., eds., Birkhauser, Boston, Massachusetts, pp. 491-495 (1994). | |
| mh | P | Robson, R. and Garnier, J., eds., "Modern ideas and notations relating to primary structure," in: Introduction to Proteins and Protein Engineering, Elsevier, Amsterdam, Holland pp. 41-43 (1986). | |
| mh | Q | Rudinger, J., "Characteristics of the amino acids as components of a peptide hormone sequence," in: Peptide Hormones, Parsons, J.A., eds., University Park Press, Baltimore, Maryland, pp. 5-7 (1976). | |
| mh | R | Sprecher, C.A. et al., "Molecular Cloning, Expression, and Partial Characterization of Two Novel Members of the Ovalbumin Family of Serine Proteinase Inhibitors," <i>J. Biol. Chem.</i> 270:29854-29861, American Society for Biochemistry and Molecular Biology (December 1995). | |
| mh | S | Sun, J. et al., "Gene Structure, Chromosomal Localization, and Expression of the Murine Homologue of Human Proteinase Inhibitor 6 (PI-6) Suggests Divergence of PI-6 from the Ovalbumin Serpins," <i>J. Biol. Chem.</i> 270:16089-16096, American Society for Biochemistry and Molecular Biology (July 1995). | |
| mh | T | Urano, T. et al., "A substrate-like form of plasminogen-activator-inhibitor type 1," <i>Eur. J. Biochem.</i> 209:985-992, Federation of European Biochemical Societies (1992). | |
| mh | U | Wells, J.A., "Additivity of Mutational Effects in Proteins," <i>Biochem.</i> 29:8509-8516, American Chemical Society (1990). | |
| mh | V | Genbank Report, Accession No. Z30585, submitted by Cronshagen, U. et al. (1994). | |
| mh | W | Genbank Report, Accession No. AAA6003, submitted by Ginsburg, D. et al. (January 1995). | |
| mh | X | Genbank Report, Accession No. X16383, submitted by Sawdey, M.S. (February 1995). | |
| mh | Y | Genbank Report, Accession No. D13909, submitted by Mimuro et al. (November 1995). | |
| mh | Z | NCBI Entrez, GenBank Report, Accession No. T52685, from Hillier, L. et al. (February 1995). | |
| mh | AA | NCBI Entrez, GenBank Report, Accession No. F07041, from Auffray, C. et al. (February 1995). | |
| mh | AB | NCBI Entrez, GenBank Report, Accession No. D58484, from Fujiwara, T. et al. (August 1995). | |

| | | | |
|--------------------|---------------|-----------------|----------|
| Examiner Signature | Walter Haddad | Date Considered | 10/22/04 |
|--------------------|---------------|-----------------|----------|

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | | | |
|---|---|----|---|--------------------------|-----------------------------|
| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | Not Yet Assigned 16/628,395 |
| | | | | Filing Date | Concurrently Herewith |
| | | | | First Named Inventor | Jian Ni |
| | | | | Art Unit | N/A 1644 |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 4 | of | 6 | Attorney Docket Number | PF290P1D2 |

| | | | |
|----|----|---|--|
| mh | AC | NCBI Entrez, GenBank Report, Accession No. H81869, from Hillier, L. et al. (November 1995). | |
| mh | AD | NCBI Entrez, GenBank Report, Accession No. H82168, from Hillier, L. et al. (November 1995). | |
| mh | AE | NCBI Entrez, GenBank Report, Accession No. D27259, from Kohara, Y. et al. (November 1995). | |
| mh | AF | NCBI Entrez, GenBank Report, Accession No. N34066, from Hillier, L. et al. (January 1996). | |
| mh | AG | NCBI Entrez, GenBank Report, Accession No. N41961, from Hillier, L. et al. (January 1996). | |
| mh | AH | NCBI Entrez, GenBank Report, Accession No. N86663, from Liew, C.C. (April 1996). | |
| mh | AI | NCBI Entrez, GenBank Report, Accession No. C18938, from Fujiwara, T. et al. (October 1996). | |
| mh | AJ | NCBI Entrez, GenBank Report, Accession No. C18122, from Fujiwara, T. et al. (October 1996). | |
| mh | AK | NCBI Entrez, GenBank Report, Accession No. AA091273, from Liew, C.C. (October 1996). | |
| mh | AL | NCBI Entrez, GenBank Report, Accession No. AA104570, from Marra, M. et al. (October 1996). | |
| mh | AM | NCBI Entrez, GenBank Report, Accession No. AA147887, from Hillier, L. et al. (December 1996). | |
| mh | AN | NCBI Entrez, GenBank Report, Accession No. AA147909, from Hillier, L. et al. (December 1996). | |
| mh | AO | NCBI Entrez, GenBank Report, Accession No. AA147917, from Hillier, L. et al. (December 1996). | |
| mh | AP | NCBI Entrez, GenBank Report, Accession No. AA168365, from Marra, M. et al. (February 1997). | |
| mh | AQ | NCBI Entrez, GenBank Report, Accession No. AA117151, from Marra, M. et al. (February 1997). | |
| mh | AR | NCBI Entrez, GenBank Report, Accession No. AA276326, from Marra, M. et al. (April 1997). | |
| mh | AS | NCBI Entrez, GenBank Report, Accession No. AA303966, from Adams, M.D. et al. (April 1997). | |
| mh | AT | NCBI Entrez, GenBank Report, Accession No. AA296389, from Adams, M.D. et al. (April 1997). | |
| mh | AU | NCBI Entrez, GenBank Report, Accession No. AA296506, from Adams, M.D. et al. (April 1997). | |
| mh | AV | NCBI Entrez, GenBank Report, Accession No. AA317566, from Adams, M.D. et al. (April 1997). | |

| | | | |
|--------------------|----------------|-----------------|----------|
| Examiner Signature | Maker Haddland | Date Considered | 10/22/04 |
|--------------------|----------------|-----------------|----------|

| | | | | |
|---|---|----|--------------------------|-----------------------------|
| Substitute for form 1449/PTO | | | Complete If Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | Application Number | Not Yet Assigned 10/628,395 |
| | | | Filing Date | Concurrently Herewith |
| | | | First Named Inventor | Jian Ni |
| | | | Art Unit | N/A 1644 |
| | | | Examiner Name | Not Yet Assigned |
| | | | Attorney Docket Number | PF290P1D2 |
| Sheet | 5 | of | 6 | |

| | | | |
|----|-----|--|--|
| MH | AW | NCBI Entrez, GenBank Report, Accession No. AA372832, from Adams, M.D. et al. (April 1997). | |
| MH | AX | NCBI Entrez, GenBank Report, Accession No. AA409232, from Ko, M.S.H. et al. (May 1997). | |
| MH | AY | NCBI Entrez, GenBank Report, Accession No. AA045132, from Hillier, L. et al. (May 1997). | |
| MH | AZ | NCBI Entrez, GenBank Report, Accession No. AA473834, from Marra, M. et al. (June 1997). | |
| MH | BA | NCBI Entrez, GenBank Report, Accession No. H09005, from Hillier, L. et al. (June 1997). | |
| MH | BB | NCBI Entrez, GenBank Report, Accession No. AA544064, from Marra, M. et al. (August 1997). | |
| MH | BC | NCBI Entrez, GenBank Report, Accession No. AA146811, from Hillier, L. et al. (August 1997). | |
| MH | BD | NCBI Entrez, GenBank Report, Accession No. AA242969, from Hillier, L. et al. (August 1997). | |
| MH | BE | NCBI Entrez, GenBank Report, Accession No. AA562720, from Marra, M. et al. (August 1997). | |
| MH | BF | NCBI Entrez, GenBank Report, Accession No. AA542814, from NCI-CGAP (August 1997). | |
| MH | BG | NCBI Entrez, GenBank Report, Accession No. AA571334, from Marra, M. et al. (August 1997). | |
| MH | BH | NCBI Entrez, GenBank Report, Accession No. C31835, from Kohara, Y. et al. (September 1997). | |
| MH | BI | NCBI Entrez, GenBank Report, Accession No. AA589090, from Marra, M. et al. (September 1997). | |
| MH | BIJ | NCBI Entrez, GenBank Report, Accession No. H52450, from Hillier, L. et al. (September 1995). | |
| MH | BK | NCBI Entrez, GenBank Report, Accession No. AA596670, from Marra, M. et al. (September 1997). | |
| MH | BL | NCBI Entrez, GenBank Report, Accession No. C67391, from Kohara, Y. et al. (September 1997). | |
| MH | BM | NCBI Entrez, GenBank Report, Accession No. C71498, from Kohara, Y. et al. (September 1997). | |
| MH | BN | NCBI Entrez, GenBank Report, Accession No. AA645751, from Marra, M. et al. (October 1997). | |
| MH | BO | NCBI Entrez, GenBank Report, Accession No. AA666768, from Marra, M. et al. (November 1997). | |

| | | | |
|--------------------|--------------|-----------------|----------|
| Examiner Signature | Maher Haddad | Date Considered | 10/22/04 |
|--------------------|--------------|-----------------|----------|

| | | | | | |
|--|---|----|---|--------------------------|-----------------------------|
| Substitute for form 1449/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | Not Yet Assigned 10/628,395 |
| | | | | Filing Date | Concurrently Herewith |
| | | | | First Named Inventor | Jian Ni |
| | | | | Art Unit | N/A 1644 |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 6 | of | 6 | Attorney Docket Number | PF290P1D2 |

| | | | |
|----|----|---|--|
| mh | BP | NCBI Entrez, GenBank Report, Accession No. AA684304, from Marra, M. et al. (December 1997). | |
| mh | BQ | NCBI Entrez, GenBank Report, Accession No. AA706757, from Hillier, L. et al. (December 1997). | |
| mh | BR | NCBI Entrez, GenBank Report, Accession No. AA738996, from Marra, M. et al. (1998). | |
| mh | BS | NCBI Entrez, GenBank Report, Accession No. AA487997, from Hillier, L. et al. (1998). | |
| mh | BT | NCBI Entrez, GenBank Report, Accession No. AA852339, from Jia, L. et al. (1998). | |
| mh | BU | NCBI Entrez, GenBank Report, Accession No. AA867587, from Marra, M. et al. (1998). | |
| mh | BV | NCBI Entrez, GenBank Report, Accession No. AA869929, from Marra, M. et al. (1998). | |
| mh | BW | NCBI Entrez, GenBank Report, Accession No. AA869413, from Marra, M. et al. (1998). | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (optional). *Applicant is to place a check mark here if English language Translation is attached.

| | | | |
|--------------------|---------------|-----------------|----------|
| Examiner Signature | maker Haddard | Date Considered | 10/22/04 |
|--------------------|---------------|-----------------|----------|